IN THE CLAIMS:

Kindly replace the claims of record with the following full set of claims:

1. (Currently amended) A method ~~Method~~ for processing audio signals in which from left and right audio signals composed audio signals [[and]] are derived, comprising the steps of:

measuring the energy content of the composed audio signals above a predetermined frequency value ~~is measured~~,

~~this~~ comparing the energy content ~~is compared~~ with a predetermined threshold value, ~~after which,~~ wherein when ~~this~~ the energy content falls below said threshold value, deriving a signal ~~derived~~ from and decorrelated with respect to the composed audio signal; adding said signal ~~is added~~ to the composed signal to obtain an improved composed audio signal, and

determining said left and right audio signals ~~are obtained back again~~ from the composed signal and the improved composed audio signal.

2. (Currently amended) The method ~~Method~~ according to claim 1, wherein ~~characterized in that~~ the decorrelated signal is obtained by delaying and filtering the composed signal.

3. (Currently amended) An Audio processing system comprising:

~~with~~ first combination means to derive from left and right audio signals composed audio signals and,

detection and comparing means to measure the energy content of the

composed audio signals above a predetermined frequency value and to compare [[this]]

the energy content with a predetermined threshold value,

second combining means to derive, when this energy content falls below

said threshold value, an improved composed audio signal from a signal obtained from

and decorrelated with respect to the composed audio signal and the composed signal, and

third combining means to obtain ~~back again~~ said left and right audio

signals from the composed signal and the improved composed audio signal.

4. (Currently amended) The audio ~~Audio~~ processing system according to claim 3,

~~characterized in that~~ wherein the detection and comparing means comprise:

a high pass filter,

energy measuring means to detect the energy content of the filtered

composed audio signal, and

a comparator to indicate whether or not the measured energy content is

above said predetermined threshold value.

5. (Currently amended) The audio ~~Audio~~ processing system according to claim 4,

~~characterized in that~~ wherein the high pass filter has a cut-off frequency of about 3 kHz.

6. (Currently amended) The audio ~~Audio~~ processing system according to claim 3,

~~characterized in that~~ wherein means are provided comprising a delay element and band

pass filter means to derive said improved composed audio signal from the composed

audio signal.

7. (Currently amended) Audio processing system according to claim 6, ~~characterized in~~

~~that~~ <u>wherein</u> the band pass filter means [[are]] <u>is</u> formed by a high pass filter with a cut-

off frequency of about 1 kHz and a low pass filter with a cut-off frequency of about 6

kHz.